U.S. Patent No. 7,046,239 B2 Attorney Docket No.: 15162/02750

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No.: 7,046,239 B2
Issued: May 16, 2006

To: Atsushi MATSUURA and Shinichi SUZUKI

For: ELECTRONIC APPARATUS

U.S. Serial No.: 09/770,078 Filed: January 25, 2001

Certificates of Correction Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir

# REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. 1.323

It is respectfully requested that a Certificate of Correction be issued for U.S. Patent No. 7,046,239 B2, issued May 16, 2006, for the purpose of correcting typographical errors due to Applicants' errors.

Attached is Form PTO-1050 (PTO/SB/44) which is suitable for printing.

The typographical errors in U.S. Patent No. 7,046,239 B2 are set forth below:

## In FIG. 51:

Due to typographical errors, "S41", "S42", "S43", "S44", "S45", "S46", "S47", "S48", "S49", "S50", "S60", and "S70" should have been "S3041", "S3042", "S3043", "S3044", "S3045", "S3046", "S3047", "S3048", "S3049", "S3050", "S3060", and "S3070".

U.S. Patent No. 7,046,239 B2 Attorney Docket No.: 15162/02750

#### In FIG. 52:

Due to typographical errors, "S50", "S51", "S52", "S53", "S54", "S55", "S56", "S56", "S57", "S58", and "S59" should have been "S3050", "S3051", "S3052", "S3053", "S3054", "S3055", "S3056", "S3057", "S3058", and "S3059"

#### In FIG. 53:

Due to typographical errors, "S60", "S61", "S62", "S63", "S64", "S65", "S66", "S67", and "S69" should have been "S3060", "S3061", "S3062", "S3063", "S3064", "S3065", "S3066", "S3067", and "S3069".

#### In FIG. 54:

Due to typographical errors, "\$70", "\$71", "\$72", "\$73", "\$74", "\$75", "\$76", "\$77", "\$78", "\$79", "\$80", and "\$81" should have been "\$3070", "\$3071", "\$3072", "\$3073", "\$3074", "\$3075", "\$3076", "\$3077", "\$3078", "\$3078", "\$3078", "\$3078", "\$3078", "\$3078", "\$3078", "\$3078", "\$3078", "\$3080", and "\$3081".

The foregoing typographical errors were due to Applicants' error. Accordingly, pursuant to 37 C.F.R §1.20(a), please charge \$100.00 to cover the fee for issuance of a Certificate of Correction to Sidley Austin LLP's Deposit Account No. 18-1260. If any additional fees are due please charge them to Deposit Account No. 18-1260. Please credit any overpayment to Deposit Account No. 18-1260.

Please issue a Certificate of Correction and transmit the Certificate to the attorney whose signature and address appear below.

U.S. Patent No. 7,046,239 B2 Attorney Docket No.: 15162/02750

Respectfully submitted,

By:/Thomas N. Tarnay/Reg. No. 41,341
Thomas N. Tarnay
Registration No. 41,341
Attorney for Patentee

TNT/lib SIDLEY AUSTIN LLP 717 North Harwood, Suite 3400 Dallas, Texas 75201 (214) 981-3388 Direct (214) 981-3300 Main (214) 981-3400 Facsimile December 15, 2010

(Also Form PTO-1050)

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,046,239 B2

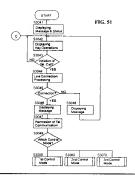
Page 1 of 4

APPLICATION NO.: 09/770,078
ISSUE DATE : May 16, 2006

INVENTOR(S) : Katsuhiko Asai et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawing Sheet 39, FIG. 51, please delete FIG. 51, and add new FIG. 51 below:



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Dallas, Texas 75201

This collection of information is required by 37 CPR 1322, 1323, and 1324. The information is required to obtain or retain a benefit by the public unboil is to fixed by the USPTO bio processal an application. Confederábly is governed by 38 US, 62. 122 and 37 CPR 14. The collection calestimated to take 10 hour to complete, including garbering, pressing, and submitting the completed application from to the USPTO. There will vary depending upon the individual case. Any comments on the amount of their pour upressive to complete the form anders' suggested for reducing the busines, should be sent to the Chief Information Offices, U.S. Patent and Traidemark Office. U.S. Department of Commerce, P.O. Bost 1450, Alexandris, VA. 2231-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Certificate of Corrections Partners, Commissioner for Patents, P.O. Bost 1450, Patent Anny, VA. 2231-1450, Patent Anny, VA. 22

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

: 7.046,239 B2 PATENT NO.

Page 2 of 4

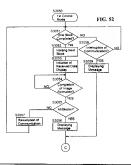
APPLICATION NO.: 09/770.076

ISSUE DATE : May 16, 2006

INVENTOR(S) : Katsuhiko Asai et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawing Sheet 40, FIG. 52, please delete FIG. 52, and add new FIG. 52 below:



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This collection of information is required by 37 CFR 1,322, 1,323,, and 1,324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U S C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradernark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/44 (09-07)
Approved for use through 08/31/2010. OMB 0851-0033
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number (Also Form PTO-1060)

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7.046.239 B2 Page 3 of 4

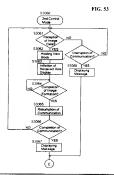
APPLICATION NO.: 09/770,078

ISSUE DATE : May 16 2006

INVENTOR(S) Katsuhiko Asai et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawing Sheet 41, FIG. 53, please delete FIG. 53, and add new FIG. 53 below:



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# UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7.046.239 B2

Page 4 of 4

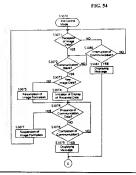
APPLICATION NO.: 09/770.078

ISSUE DATE : May 16, 2006

INVENTOR(S) : Katsuhiko Asai et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawing Sheet 42, FIG. 54, please delete FIG. 54, and add new FIG. 54 below:



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